



MANILA SUPPLY CHAIN UNIT (MSCU)	
TO: Bidders	FROM: Ann Loren YU Procurement Support MSCU
NO. OF PAGES INCLUDING COVER SHEET:6	DATE: 16 February 2024
<b>SUBJECT:</b> REQUEST FOR PROPOSAL (RFP) MSCURFP# 24-065 for the provision of LIMS Integration with Laboratory Instruments Solution Pilot for IOM Manila Clinic – Amendment No. 2.	

In reference to the Request for Proposal issued last 07 February 2024 via UNGM and IOM website for the provision of LIMS Integration with Laboratory Instruments Solution Pilot for IOM Manila Clinic Services. This Addendum No.002 is issued to address inquiry, clarification and update the instructions to the bidders.

**I. Section 3 : Data Sheet**

- a. Item no.27 - Deadline for the submission of the Request for Proposals is hereby amended to:  
**26 February 2024 , 10:00AM – Manila Time**
- b. Item no. 26 Proposal submission file format: **.docx, .pdf .xlxs**

## II. Inquiries from Vendors

### a. Technical Clarification via email.

Item No.	Section / Page No.	Vendor's Clarification	IOM Response																								
1.	Executive Summary	One of the instruments to be included in the PoC is mentioned to be cobas c411. Is it a typo and it should be e 411 instead?	Typo, is e 411																								
2.	4.1. Requirements	How are the instruments connected to the lab network? (are they all connected to the lab network directly)	None of the instruments are connected to the lab network. This is a deliverable of this project																								
3.	4.1. Requirements	Will the lab provide detailed specification for each instrument (connectivity setup, technical specifications etc.)?	Yes, the documentations will be provided																								
4.	4.1. Requirements	Who will configure the instruments to output the test data?	The vendor with a technical representative from the instrument vendor (as Roche)																								
5.	4.1. Requirements	Who provides connectivity to devices (vendor, client, instrument support), how do we get access to the output data for each instrument type?	The vendor provides (hardware) connectivity to the devices. The data is output via TCP/IP USB and RS232 ports, depending on the instruments.																								
6.	4.1. Requirements	What are the types of test results we need to process during PoC phase? As HL7 has custom formats depending on test type, depending on amount of test types, coverage of many test types will translate to much more implementation time.	<table><tr><th>Name of Equipment</th><th>Model</th><th>Tests Run</th></tr><tr><td>Chemistry Analyzer</td><td>c111</td><td>Serum Creatinine, Glucose, Uric Acid, AST, ALT, ALP</td></tr><tr><td>Serology Analyzer</td><td>e411</td><td>HIV,Syphilis, Hep B and Anti-HCV</td></tr><tr><td>ELISA</td><td>DS2</td><td>IGRA</td></tr><tr><td rowspan="3">GeneXpert</td><td>GXIV 4D</td><td rowspan="2">MTB/Rif Ultra, Xpert Xpress SARS CoV-2</td></tr><tr><td>GXIV 4L-6C</td></tr><tr><td>GXIV 4L-10C</td><td>Xpert Xpress SARS CoV-2, MTB/Rif Ultra, MTB/XDR</td></tr><tr><td>MGIT</td><td>MGIT 960</td><td>TB culture and DST</td></tr></table>				Name of Equipment	Model	Tests Run	Chemistry Analyzer	c111	Serum Creatinine, Glucose, Uric Acid, AST, ALT, ALP	Serology Analyzer	e411	HIV,Syphilis, Hep B and Anti-HCV	ELISA	DS2	IGRA	GeneXpert	GXIV 4D	MTB/Rif Ultra, Xpert Xpress SARS CoV-2	GXIV 4L-6C	GXIV 4L-10C	Xpert Xpress SARS CoV-2, MTB/Rif Ultra, MTB/XDR	MGIT	MGIT 960	TB culture and DST
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7.	4.1. Requirements	Assuming we need to process data coming from instruments into HL7/ASTM formats before sending them via TCP/IP, is there a specific method desired	No																								

		on how this data is exposed to the consuming app (HTTP, sockets, rpc)?	
8.	4.1. Requirements	Is the PoC application consuming test data as they are generated by the instruments (realtime or near realtime) or it will access some archive?	No
9.	4.1. Requirements	Assuming there is a viewer-app that consumes reports in the HL7/ASTM formats coming from instruments, is there a preference if this UI is web-based or desktop app?	None. The preference is for the quickest implementation. The goal of the application is mainly testing and acceptance
10.	4.1. Requirements	Should the data be sent somewhere outside the lab?	No
11.	4.1. Requirements	Is there a possibility to connect to the lab network remotely?	No
12.	4.1. Requirements	In which format is the data coming from the instruments?	Depends how the instruments are configured, in HL7 or ASTM
13.	4.1. Requirements	Can you provide the vendor test-result data samples for each instrument type (as it si today)?	<a href="#">This is available now</a> 1H \^&   c111^Roche^c111^4.3.0.1835^1^15236    host RSUPL^BATCH P 1 20230914123835 00  2P 1   4B  3O 1  NBO2336941  R    N       20230914123835   F EF  4R 1 ^690 70 umol/L  N  F  \$SY\$  20230914102512 9E  5C 1 I  I 4F  6M 1 RR^BM^c111^1 22 22\20\0\0\0\53\54\52\54\54\54\50\52\51\52\185\204\220\235\247\260\273\283\292\305 0.003768 45  7L 1 N 0A
14.	3.1. LIMS system	Is there an LIMS system already in place? <b>Yes, but is not relevant</b>	See inline answers
15.	3.1. LIMS system	Will the selected vendor receive all relevant documentation / API of the existing LIMS system?	No
16.	4.1. Requirements	It is stated that "The vendor will configure the instruments to output the test results data, when	Yes

		available. The laboratory instruments drivers should be included." Does this mean that the Vendor needs to provide drivers for the instruments as a deliverable of the PoC?															
17.	5. Scope	Azure DevOps tools will be used to manage the backlogs. Is this already in place and Vendor will receive access to a specific project?	Yes														
18.	5. Scope	7. IOM will provide the development and test environments, if needed <b>Not needed</b> ; does this mean also Azure DevOps to be used for source control / continuous integration Yes	See inline answers														
19.	5. Scope	7. IOM will provide the development and test environments, if needed <b>(Not Applicable)</b> ; are there any simulators in place for the instruments to test the application with? <b>No</b>	See inline answers														
20.	11. Annexes	1. Coding standards: a. SDU-SoftwareDevelopmentStandards-080223-0258-14.pdf Could please share the file with us?	See attached ToR page 6 of 6.														
21.		Can you confirm the name and the exact model of the device called “GeneExpert”? We could not find a device with that exact name. We could find information on devices called “GeneXpert” ( <a href="https://www.cepheid.com/en-US/systems/genexpert-family-of-systems/genexpert-system.html">https://www.cepheid.com/en-US/systems/genexpert-family-of-systems/genexpert-system.html</a> ), with 3 different models: GeneXpert® II, GeneXpert® IV, GeneXpert® XVI.	<table><thead><tr><th>Name of Equipment</th><th>Model</th></tr></thead><tbody><tr><td>Chemistry Analyzer</td><td>c111</td></tr><tr><td>Serology Analyzer</td><td>e411</td></tr><tr><td>ELISA</td><td>DS2</td></tr><tr><td rowspan="3">GeneXpert</td><td>GXIV 4D</td></tr><tr><td>GXIV 4L-6C</td></tr><tr><td>GXIV 4L-10C</td></tr><tr><td>MGIT</td><td>MGIT 960</td></tr></tbody></table>	Name of Equipment	Model	Chemistry Analyzer	c111	Serology Analyzer	e411	ELISA	DS2	GeneXpert	GXIV 4D	GXIV 4L-6C	GXIV 4L-10C	MGIT	MGIT 960
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22.		The Cobas c411 does not exist, is it the Cobas e411?	Yes, e411														
23.		Is remote access to the lab computer possible (to develop and test the application)?	No. (Theoretically yes, is possible but I cannot guarantee the delivery of this task within the scope of this project)														
24.		Regarding the Operating system, which version of Windows will it run (10, 11), which edition (professional, enterprise, LTSC)? Is it 32 bits, 64 bits?	This question is not relevant, were unable understand, please elaborate.														

25.	Are there any constraints regarding the applications of the instrument manufacturers? (Windows 10/11, 32/64 bits)	Yes, but this is a black box, is maintained by the instrument's vendors
26.	Can you provide us with the following resources to support our responses:	
27.	Manufacturer's applications, if they exist, for each instrument	Are available in lab
28.	Drivers	Not needed do deliver the project
29.	SDK	Not needed do deliver the project
30.	Documentation and manuals for each instrument	Yes
31.	TOR 5.1 and 5.2: please confirm that the vendor can update the composition of the team during the implementation of the project? <b>YES</b> What are the rules and conditions? <b>NONE</b> Will there be a margin for the vendor to update the budget accordingly? <b>NO</b>	See inline answers.
32.	TOR 5.9.: "Working outside of regular working hours may be required (to accommodate the laboratory operations)". Could you please elaborate? <b>Will be prearranged</b> Does this mean that testing with the actual devices may only happen within the laboratory and outside of operating hours so as not to interfere with the clinic's operations? <b>I will arrange some testing sessions during working hours and some outside.</b> If so, could you elaborate on the expected time periods our personnel would be expected to work to have access to the devices? <b>Refer to the previous answers</b>	See inline answers.
33.	<b>a.</b> In case any required information (manuals, interface specifications...) or software component (SDK, drivers) necessary for the implementation of the solution cannot be obtained in due time from the device manufacturers and/or IOM, can the selected vendor still deliver the solution for the remaining devices? <b>Not applicable, see item 6 above.</b> How will IOM propose to deal with the delays for the other	See inline answers.

	devices? <b>Not applicable</b> Is it correct that liquidated damages would not apply in this case? <b>Not applicable</b>	
34.	The RFP is asking for an application to be developed and provide the source code to IOM. Service provider does not develop custom solutions for our direct end user customers.	The requested application and the source code are part of the deliverables
35.	Article 10 - Timeline/timescale within the Terms of Reference : can you confirm that the project has to be delivered within one month, between March and April 2024 ?	Confirm that the specified scope is one month.

**b. Vendor Technical Clarification via Pre Conference last 15-16 February 2024.**

i. Please be advised a bid bulletin 03 will be issued and posted on 19 February 2024 (Monday) containing the full Questions and Answers in relation to the Pre- Proposal Vendors Clarification conference held via Zoom.



Approved by: [Ilyas MASIH \(Feb 16, 2024 16:44 GMT+8\)](#)

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OIC - MSCU Head

Date: Feb 16, 2024